The Radiotec Tongaat
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M80 IP65 Protected DECT Handset

The Snom M80 is the perfect all-rounder for indoor and outdoor use. The handset is extremely light and compact and thanks to the special heavy-duty jacket (IP 65 and MIL-STD 810g certified) it is particularly robust and durable. This means that the ultra-modern handset can easily withstand falls of up to 2 metres and is also protected from splash water and dust. This makes the M80 not only suitable for the office, but also for more complicated locations such as warehouses, construction sites or outdoor areas exposed to the elements.

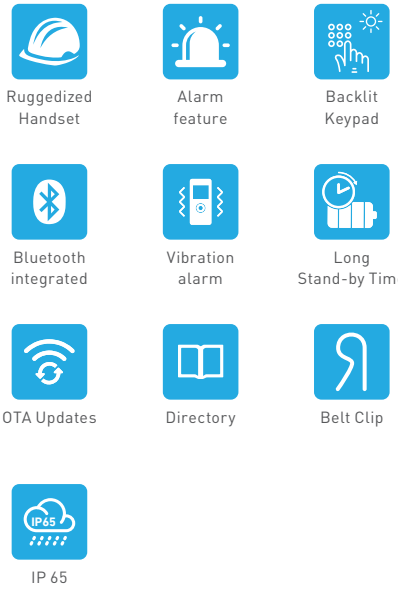
The compact device, which weighs only 120g, also has integrated Bluetooth and an integrated BLE tag for a mobile working day. Not only can all widely used headsets be connected to the telephone, but the Snom Bluetooth Beacons also open up completely new application possibilities. From live tracking of the devices to alarm protection.

This modern DECT telephone is also state-of-the-art thanks to its high-resolution LED colour display, integrated Bluetooth, best HD audio and vibration alarm. In addition, there is a high-performance rechargeable battery that provides up to 12 hours of talk time.

The Snom M80 handset is a modern, compact and heavy-duty companion for both indoor and outdoor use in everyday business.

M80 Key Features

- **IP65 protected handset**
- **Ruggedized and robust design**
- **HD audio support**
- **Alarm key**
- **Integrated Bluetooth LE**
- **Large temperature range**
- **Integrated belt clip**
- **HAC compliant**
- **Compatible to existing base stations [1]**
- **Vibration alarm**
- **Multi-colour LED**
- **200 hours stand by**
- **MIL-STD-810g 516.6 tested**
- **Perfect for outdoor use**



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Hardware Specifications

Handset

- Weight: approx. 138g (handset with battery+belt clip)
- Dimensions: approx. 122x48x22mm (LxWxD)
- Connector: 3.5mm standard phone jack for wired headsets
- Antenna diversity (two internal omni-directional antennas for better transmission and reception)
- Hearing aid compatible (HAC)
- Bluetooth LE for headset connection
- Alarm key on the top of the handset
- Drop test 2m
- IP protected housing
- Large temperature range (-10°C to 55°C)
- Part number: 00004424

Battery [2]

- Type: Lithium-ion, 1100mAh, 3.7V, 4.1 W
- Talk time WB: Up to 12 hours
- Talk time NB: Up to 17 hours
- Standby time: Approx. 200 hours (10 days)

Charger

- Input: 5V DC, 2A
- Charging indicator: Green LED - light is on when handset is charging in cradle
- USB port on charging cradle for daisy chaining a second cradle

Power Adapter

- Input power: 100-240 AC Volt, 50/60 Hz, 300mA
- Output power: 5V 2A
- Plug: interchangeable clips. EU and US clips included
- Charging condition: 5°C to 45°C

Range

- Indoors: Up to 50 meters
- Outdoors: Up to 300 meters

DECT

- Frequency bands:
  - 1880-1900 MHz (EU)
  - 1920-1930 MHz (US)
- Output power: EU < 250 mW, USA < 100 mW
- Protocols: DECT, DECT 6.0
- Wideband voice
- Authentication/encryption of base and handset
- DECT band auto-sensing

User Interface

- Display:
  - 5 cm (2") diagonal
  - 240 x 320 pixels
  - 262k TFT color LCD with backlight
- Backlit keypad with 24 keys:
  - Standard ITU telephone keypad, 12 keys, 4x3, with star and pound/hash key
  - Three context-sensitive function keys
  - 5 navigation keys (left, right, up, down, OK)
  - Off-hook key, cancel key
  - Menu key
  - Three side keys (volume up/down, mute)
  - Alarm key on the top of the handset
  - 28 keys in total
- Comfortable and intuitive menu structure
- Selection of ring tones
- Tricolor LED indication of missed calls/ new voice messages, low battery
- Speakerphone
- Mute microphone
- Vibration alarm

Menu Languages

- English, German, French, Italian, Spanish, Dutch, Portuguese, Swedish, Turkish, Danish, Norwegian, Polish, Russian, Croatian, Serbian, Slovenian

Phone functions with compatible base stations

- Two simultaneous calls
- Local directory with 250 contact entries
- Central directory (common local directory on base or external directory via LDAP)
- 8 speed dial numbers (number keys 2 - 9)
- Caller identification (CLIP)
- Redial (via dialed calls list)
- Call waiting
- Auto answer
- Call lists (all calls, missed, received, dialed calls), 50 entries total
- Hold
- Call swapping (active call and call on hold)
- Blind and attended transfer
- Call forwarding
- 3-way conference on the phone
- DND mode (do not disturb)
- Hide own outgoing ID (CLIR)
- Missed call notification
- MWI - Voice message waiting notification

Installation

- Automatic registration to extension set on base
- Software update: Over the air via the base station
- Date and time synchronization from base station

Compatible base stations

[1]
- M300 Single-Cell Base, available in M325 Bundle, snom PN 00003955 (EU), 00003954 (US), 00004161 (AU)
- M700 DECT Sincle Cell/Multicell Base, snom PN 00003928 (EU), 00003929 (US)
- M900 DECT Multicell Base, snom PN 00004426 (EU), 00004441 (US)

Battery

[2]
- Included: Li-Ion battery, model RTR001F01, snom PN 00003932

Series Overview



[1]Function only available when paired to the M300, M700 and M900

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